

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the above-identified application.

Listing of Claims

1. (Currently Amended) A method in a computing system for managing enterprise data, the method comprising:
extracting first enterprise information in a first form that is associated with a first source computerized system;
converting the first enterprise information in the first form into corresponding first enterprise information that is in a second intermediate form; and
converting the first enterprise information in the second intermediate form into first enterprise information that is in a target form that corresponds to a target computerized system, wherein information that is in the second intermediate form ~~includes~~ comprises a plurality of custom data type elements that are adapted for capturing customer information and that can be referenced by other data structures of the information that is in the second intermediate form, and wherein any modifications of the other data structures ~~in the second intermediate form~~ are independent of the custom data type elements;
transmitting the first enterprise information that is in the target form to the target computerized system for processing therein;
converting the first enterprise information in the second intermediate form into first enterprise information that is in a second target form that corresponds to a second target computerized system;

extracting second enterprise information in a third form that is associated with a second source computerized system that is distinct from the first source computerized system, wherein the third form is distinct from the first form;

converting the second enterprise information in the third form into second enterprise information that is in the second intermediate form; and
converting the second enterprise information in the second intermediate form into second enterprise information that is in the target form.

2. (Previously presented) The method of Claim 1, further comprising:
3. (Previously presented) The method of Claim 1, wherein the customer information includes information that defines specific aspects of the customer's business.
4. (Previously presented) The method of Claim 1, wherein the custom data type elements include one or more elements comprising:
 - an address custom data type element;
 - an auto deal custom data type element;
 - an auto policy custom data type element;
 - an auto sales history custom data type element;
 - an auto service history custom data type element;
 - an auto service job custom data type element;
 - an auto service repair order custom data type element;
 - a balance statement custom data type element;
 - a billing profile custom data type element;
 - a bill of material component custom data type element;
 - a bill of material custom data type element;
 - a business unit custom data type element.

5. (Previously presented) The method of Claim 1, wherein the custom data type elements include one or more elements comprising:
 - a claim custom data type element;
 - a claim payment custom data type element;
 - a class attribute custom data type element;
 - a class attribute value custom data type element;
 - a class custom data custom data type element;
 - a contact-of custom data type element;
 - a contract custom data type element;
 - a cost list custom data type element; and
 - a cost list line custom data type element.
6. (Previously presented) The method of Claim 1, wherein the custom data type elements include one or more elements comprising:
 - a credit bureau report custom data type element;
 - a customer-of custom data type element;
 - an employee-of custom data type element;
 - an expense custom data type element;
 - an expense line custom data type element;
 - a financial account custom data type element;
 - a financial applicant custom data type element;
 - a financial application account custom data type element;
 - a financial application collateral custom data type element;
 - a financial application custom data type element;
 - a financial application funding source custom data type element; and
 - a financial statement custom data type element.

7. (Previously presented) The method of Claim 1, wherein the custom data type elements include one or more elements comprising:
 - a forecast custom data type element;
 - a forecast line detail custom data type element;
 - a product catalog custom data type element;
 - a product catalog line item custom data type element;
 - a product custom data type element;
 - a product inventory location custom data type element;
 - a product line custom data type element;
 - a product price custom data type element;
 - an installed product custom data type element;
 - a price list custom data type element; and
 - a price list line custom data type element.

8. (Previously presented) The method of Claim 1, wherein the custom data type elements include one or more elements comprising:
 - a purchase order custom data type element;
 - a purchase order line item custom data type element;
 - a vehicle anti theft device custom data type element;
 - a vehicle custom data type element;
 - a vehicle option custom data type element;
 - a person custom data type element;
 - a policy custom data type element;
 - a position custom data type element;
 - a related-to custom data type element;
 - a represented-by custom data type element;

a security custom data type element;
a service request custom data type element; and
a set of books custom data type element.

9. (Previously presented) The method of Claim 1, wherein the custom data type elements include one or more elements comprising:
- an order custom data type element;
 - an order line custom data type element;
 - an order type custom data type element;
 - an organization custom data type element;
 - a party authentication custom data type element;
 - a party custom data type element;
 - a payment custom data type element;
 - a payment line custom data type element;
 - a payment method custom data type element;
 - a payment term custom data type element; and
 - a payment type custom data type element.

10. (Previously presented) The method of Claim 1, wherein the custom data type elements include one or more elements comprising:
 - an opportunity custom data type element;
 - an opportunity notes custom data type element;
 - an opportunity revenue item custom data type element;
 - an invoice custom data type element;
 - an invoice line custom data type element;
 - an invoice plan custom data type element;
 - an invoice type custom data type element;
 - a life policy custom data type element; and
 - a list of relationship custom data type element.

11. (Previously presented) The method of Claim 1, wherein the custom data type elements include one or more elements comprising:
 - an inventory balance custom data type element;
 - an inventory balance list of balance balance custom data type element;
 - an inventory transaction custom data type element;
 - an inventory location custom data type element;
 - a functional area custom data type element;
 - a holding custom data type element; and
 - a household custom data type element.

12. **(Currently Amended)** A computer-readable medium carrying one or more sequences of instructions for managing enterprise data, wherein execution of the one or more sequences of instructions by one or more processors causes the one or more processors to perform:
- extracting first enterprise information in a first form that is associated with a first source computerized system;
- converting the first enterprise information in the first form into corresponding first enterprise information that is in a second intermediate form; and
- converting the first enterprise information in the second intermediate form into first enterprise information that is in a target form that corresponds to a target computerized system, wherein information that is in the second intermediate form includes a plurality of custom data type elements that are adapted for capturing customer information and that can be referenced by other data structures of the information that is in the second intermediate form, and wherein any modifications of the other data structures ~~in the second intermediate form~~ are independent of the custom data type elements;
- transmitting the first enterprise information that is in the target form to the target computerized system for processing therein;
- converting the first enterprise information in the second intermediate form into first enterprise information that is in a second target form that corresponds to a second target computerized system;
- extracting second enterprise information in a third form that is associated with a second source computerized system that is distinct from the first source computerized system, wherein the third form is distinct from the first form;

converting the second enterprise information in the third form into second enterprise information that is in the second intermediate form; and
converting the second enterprise information in the second intermediate form into second enterprise information that is in the target form.

13. (Previously presented) The computer-readable medium of Claim 12, wherein the custom data type elements include one or more elements comprising:
- an address custom data type element;
 - an auto deal custom data type element;
 - an auto policy custom data type element;
 - an auto sales history custom data type element;
 - an auto service history custom data type element;
 - an auto service job custom data type element;
 - an auto service repair order custom data type element;
 - a balance statement custom data type element;
 - a billing profile custom data type element;
 - a bill of material component custom data type element;
 - a bill of material custom data type element; and
 - a business unit custom data type element
14. (Previously presented) The computer-readable medium of Claim 12, wherein the custom data type elements include one or more elements comprising:
- a claim custom data type element;
 - a claim payment custom data type element;
 - a class attribute custom data type element;
 - a class attribute value custom data type element;
 - a class custom data custom data type element;
 - a contact-of custom data type element;

a contract custom data type element;
a cost list custom data type element; and
a cost list line custom data type element.

15. (Previously presented) The computer-readable medium of Claim 12, wherein the custom data type elements include one or more elements comprising:

a credit bureau report custom data type element;
a customer-of custom data type element;
an employee-of custom data type element;
an expense custom data type element;
an expense line custom data type element;
a financial account custom data type element;
a financial applicant custom data type element;
a financial application account custom data type element;
a financial application collateral custom data type element;
a financial application custom data type element;
a financial application funding source custom data type element; and
a financial statement custom data type element.

16. (Previously presented) The computer-readable medium of Claim 12, wherein the custom data type elements include one or more elements comprising:

a forecast custom data type element;
a forecast line detail custom data type element;
a product catalog custom data type element;
a product catalog line item custom data type element;
a product custom data type element;
a product inventory location custom data type element;
a product line custom data type element;

a product price custom data type element;
an installed product custom data type element;
a price list custom data type element; and
a price list line custom data type element.

17. (Previously presented) The computer-readable medium of Claim 12, wherein the custom data type elements include one or more elements comprising:

a purchase order custom data type element;
a purchase order line item custom data type element;
a vehicle anti theft device custom data type element;
a vehicle custom data type element;
a vehicle option custom data type element;
a person custom data type element;
a policy custom data type element;
a position custom data type element;
a related-to custom data type element;
a represented-by custom data type element;
a security custom data type element;
a service request custom data type element; and
a set of books custom data type element.

18. (Previously presented) The computer-readable medium of Claim 12, wherein the custom data type elements include one or more elements comprising:

an order custom data type element;
an order line custom data type element;
an order type custom data type element;
an organization custom data type element;

- a party authentication custom data type element;
 - a party custom data type element;
 - a payment custom data type element;
 - a payment line custom data type element;
 - a payment method custom data type element;
 - a payment term custom data type element; and
 - a payment type custom data type element.
19. (Previously presented) The computer-readable medium of Claim 12, wherein the custom data type elements include one or more elements comprising:
- an opportunity custom data type element;
 - an opportunity notes custom data type element;
 - an opportunity revenue item custom data type element;
 - an invoice custom data type element;
 - an invoice line custom data type element;
 - an invoice plan custom data type element;
 - an invoice type custom data type element;
 - a life policy custom data type element; and
 - a list of relationship custom data type element.

20. (Previously presented) The computer-readable medium of Claim 12, wherein the custom data type elements include one or more elements comprising:
- an inventory balance custom data type element;
 - an inventory balance list of balance balance custom data type element;
 - an inventory transaction custom data type element;
 - an inventory location custom data type element;
 - a functional area custom data type element;
 - a holding custom data type element; and
 - a household custom data type element.
21. (Previously presented) A method in a computing system for managing enterprise data, the method comprising:
- extracting enterprise information in a first form that is associated with a first source computerized system;
 - converting the enterprise information in the first form into enterprise information that is in a second intermediate form; and
 - converting the enterprise information in the second intermediate form into enterprise information a target form that corresponds to a target computerized system, wherein the enterprise information in the second intermediate form includes a plurality of custom data type elements that contain custom customer information, wherein the plurality of custom data type elements can be referenced by other data structures in enterprise information in the second intermediate form, and wherein any modifications of the other data structures in the enterprise information in the second intermediate form are independent of the custom data type elements;

modifying data in one of the other data structures in the enterprise information in the second intermediate form, wherein modification of data in the one of the other data structures in the enterprise information in the second intermediate form occurs without modification of data in any of the custom type elements.

21. (New) A method in a computing system for managing enterprise data, the method comprising:
- extracting first enterprise information in a first form that is associated with a source computerized system;
 - converting the first enterprise information in the first form into corresponding first enterprise information that is in a second intermediate form; and
 - converting the first enterprise information in the second intermediate form into first enterprise information that is in a first target form that corresponds to a first target computerized system, wherein information that is in the second intermediate form comprises a plurality of custom data type elements that are adapted for capturing customer information and that can be referenced by other data structures of the information that is in the second intermediate form;
 - converting the first enterprise information in the second intermediate form into first enterprise information that is in a second target form that corresponds to a second target computerized system.